## Bibliography

[1] George E. Andrews, Richard Askey and Ranjan Roy, Special Functions, Cambridge University Press, Cambridge, 1999.
[2] J.J. Betancor and L.R. Mesa, "Hankel Convolution on Distribution Space with Exponential Growth," Studia Mathematica, (1),121(1996)35-52.
[3] Albert Boggess and J.Francis Narcowich, A First Course in Wavelets with Fourier Analysis, Prentice Hall, Upper Saddle River, NJ 07458.
[4] F.M. Cholewinski, "A Hankel Convolution Complex Inversion Theory," Mem. Amer. Math. Soc., 58(1965).
[5] C.K. Chui, An Introduction to wavelets, Academic Press, New York, 1992.
[6] I. Daubechies, Ten Lectures on Wavelets, CBMS-NSF Regional Conference Series in Applied Mathematics, 61, SIAM, Philadelphia, PA, 1992.
[7] L. Debnath, Wavelet Transforms and their Applications, Birkhäuser, Boston, MA, 2002.
[8] L.S. Dube and J.N. Pandey, "On The Hankel Transform of Distributions," Tohoku Math. Journ., 27(1975)337-354.
[9] A. Erdélyi, Tables of Integral transforms II, McGraw-Hill, New York, 1953.
[10] J.L. Griffith, "A Theorem Concerning the Asymptotic Behaviour of Hankel Transforms," J. Proc. Roy. Soc. New South Wales, 88(1955)61-65.
[11] D.T. Haimo, "Integral Equations associated with Hankel Convolutions," Trans. Amer. Math. Soc., 116(1965)330-375.
[12] I.I. Hirschman,Jr., "Variation Diminishing Hankel Transform," J. Analyse Math., 8(1960-1961)307-336.
[13] S. Kesavan, Topics in Functional Analysis and Applications, New Age International (P) Limited, Publishers, New Delhi.
[14] E.L. Koh, "The Hankel Transformation of Negative Order for Distributions of Rapid Growth," SIAM J. Math. Anal., 1(1970)322-327.
[15] E.L. Koh, "The n-dimensional Distributional Hankel Transformation," Can. J. Math., 22(1975)423-433.
[16] I. Marrero and J.J. Betancor, "Hankel Convolution of Generalized Functions," Rendiconti di Mathematica, Serie VII, 15(1995)351-380.
[17] R.S. Pathak, "On Hankel Transformable Spaces and a Cauchy Problem," Can. J. Math., (1), 37(1985)84-106.
[18] R.S. Pathak and Pradip K. Pandey, "Sobolev Type Spaces associated with Bessel Operators," Journal of Mathematical Analysis and Applications, 215 (1997)95-111.
[19] R.S. Pathak and S.K. Upadhyay, " $L_{\mu}^{p}$-Boundedness of the Pseudo-differential operator associated with the Bessel operator," Journal of Mathematical Analysis and Applications, 257(2001)141-153.
[20] R.S. Pathak, "Abelian Theorems for the Wavelet Transform," Wavelet and Allied Topics, Pawan K. Jain et al, Narosa Publishing House, New Delhi, India, 2001.
[21] R.S. Pathak and M.M. Dixit, "Continuous and Discrete Bessel Wavelet Transforms," Journal of Computational and Applied Mathematics, 160(2003)241-250.
[22] R.S. Pathak and Gireesh Pandey, "Calderón's Reproducing Formula for Hankel Convolution," International Journal of Mathematics and Mathematical Sciences, (2006)1-7.
[23] R.S. Pathak and Ashish Pathak, "On Convolution for Wavelet Transform", International Journal of Wavelets, Multiresolution and Information Processing, (5),6(2008)739-747.
[24] R.S. Pathak, The Wavelet Transform, Atlantis Press/World Scientific, 2009.
[25] R.S. Pathak, A Course in Distribution Theory and Applications, Narosa Publishing House, 2009.
[26] R.S. Pathak, S.K. Upadhyay and R.S. Pandey, "The Bessel Wavelet Convolution Product," Rend. Sem. Mat. Univ. Politec. Torino, (3),69(2011)267-279.
[27] R.S. Pathak, "The wavelet convolution product," Investigations in Mathematical Sciences, (2),4(2014)101-113.
[28] M. Pinsky, Introduction to Fourier Analysis and Wavelets, American Mathematical Society, 2002.
[29] M. Pinsky, "Integrability of the Continuum Wavelet Kernel," Proc. Amer. Math. Soc., (6),132(2003)1729-1737.
[30] S.K. Upadhyay, R.N. Yadav and L. Debnath, "On Continuous Bessel Wavelet Transformation associated with the Hankel-Housdorff Operator," Integral transforms and Special Functions, (5),23(2012)315-323.
[31] S.K. Upadhyay, R.N. Yadav and L. Debnath, "Properties of the HankelHausdorff Operator on Hardy Space $H^{1}(0, \infty) "$, Analysis, (3),32(2012)221-230.
[32] G.N. Watson, A Treatise on the Theory of Bessel Functions, Cambridge University Press, Cambridge, 1958.
[33] A. H. Zemanian, "Distribution Theory and Transform Analysis," McGraw-Hill, New York, 1965.
[34] A.H. Zemanian, "The Hankel Transformation of Certain Distributions of Rapid Growth," SIAM J. Appl. Math., (4),14(1966)678-690.
[35] A.H. Zemanian, "A distributional Hankel Transformation," SIAM J. Appl. Math., 14(1966)561-576.
[36] A. H. Zemanian, "Some Abelian Theorems for the Distributional Hankel and K Transformations," SIAM J. Appl. Math., (6),14(1966)1255-1265.
[37] A.H. Zemanian, "Hankel Transforms of Arbitrary Order," Duke Math. J., 34(1967)761-769.
[38] A.H. Zemanian, Generalized Integral Transformations, Interscience Publishers, New York, 1968.

